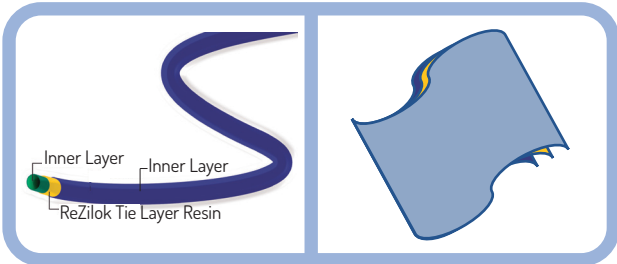


Tie-Layer Resin for Adhesion Promotion in Multi-Layer Extrusions

ReZilok Rx 101 Tie-Layer resin is linear low density polyethylene grafted with maleic anhydride.

The structure of maleic anhydride allows for chemical bonding and physical interactions that promote adhesion to many substrates. ReZilok Rx is designed for multi-layer co-extruded tubing and film and provides a solution for bonding different materials that typically result in poor adhesion during melt processes.

ReZilok Rx is also an effective compatibilizer for immiscible polymer blends and can help to disperse fillers that tend to agglomerate.



Adheres to many materials such as:

Polyamides
PEBAs
Polyethylenes
Polyethylene copolymers
Polyesters
TPUs
Styrenics
Acrylics
Metals

Compatibilizer for immiscible resin blends Coupling agent for fillers

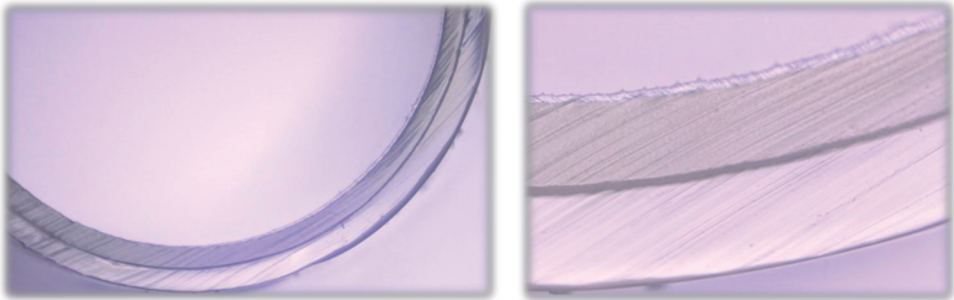
Suitable for medical applications

ISO 10993-5 compliant
Offsets current resins
Short lead time

Low minimum order
12 months change notification

Properties:

	Units	Method	ReZilok Rx 101
Hardness	Shore A	ASTM D2240	95
Melt Flow Index	g/10min	ASTM D1238	1.5
Density	g/cm ³	Pycnometer	0.92
Ultimate Tensile Strength	psi	ASTM D638	1910
Ultimate Elongation	%	ASTM D638	420
Flexural Modulus	kpsi	ASTM D790	24



Tri layer tubing using ReZilok Rx 101 as tie layer between Pebax 5533 and HDPE.

MFI conditions for ReZilok Rx 101: 190C / 2.16kg
ASTM D638 tensile test speed 50 mm/min
ASTM D790 flexural test speed 5%/min
All parts conditioned 24 hrs prior to testing